

CLAIM AMENDMENTS

The following is a complete list of claims. The claims below replace all prior versions of the claims in the application. Please amend claims 2, 6, 7 and 9, and cancel claims 1 and 10.

Listing of Claims:

- 1 1. Canceled
- 1 2. (Currently Amended) A device installed at a ditch on a road for preventing a
2 backflow of sewage and a malodor, including:
3 a frame portion comprising a plurality of frames arranged in parallel with each
4 other;
5 a valve portion inserted into recesses that are formed in upper sides of the
6 frames along a perpendicular direction to a lengthwise direction of the
7 frames, the valve portion being opened or closed in a manner of a lever
8 according to the weight of a flow of the sewage; and
9 a cover portion for covering the frame portion and the valve portion to protect
10 the frame portion and the valve portion from an external force ~~The device~~
11 ~~of claim 1,~~ wherein the cover portion includes:
12 flat drain holes formed in plural lines which are arranged in parallel
13 with each other, each of the lines being provided with a plurality
14 of passage holes formed therein;
15 flow velocity resistance embossings which are disposed along the
16 lines of the flat drain holes one by one, the flow velocity
17 resistance embossings protruding upwardly with a
18 predetermined height in a bar shape;
19 inclined drain holes formed at both ends of the lengthwise direction
20 and inclined upwardly; and

21 a plurality of sliding prevention embossings protruding upwardly
22 from an upper surface of the cover portion, for preventing
23 walkers from sliding thereon.

1 3. (Original) The device of claim 2, wherein the frame portion is divided into both
2 edge portions corresponding to the inclined drain holes of the cover portion, and
3 a middle portion.

1 4. (Original) The device of claim 3, wherein the middle portion comprises:
2 the plurality of frames arranged in parallel with each other along the
3 lengthwise direction; and
4 lever valve recesses formed in the upper sides of the frames in the
5 perpendicular direction to the frames.

1 5. (Original) The device of claim 4, wherein each of both edge portions has a
2 plurality of inclined frames extending from the frames, and quarter turn valve
3 recesses are disposed in the inclined frames in a line.

1 6. (Currently Amended) The device of claim 5, wherein the valve portion comprises:
2 lever valve ~~means~~ connected to the lever valve recesses formed in the middle
3 portion of the frame portion; and
4 quarter turn valve ~~means~~ connected with the quarter turn valve recesses
5 formed in the both edge portions of the frame portion.

1 7. (Currently Amended) The device of claim 6, wherein the lever valve ~~means~~ are
2 provided along each line of the lever valve recesses formed in the frames one by
3 one, and the lever valve ~~means~~ comprises:
4 lever valve hinge shafts connected with a plurality of lever valves by passing
5 through the lever valves, for connecting the lever valves with the frames
6 by being inserted into the lever valve recesses; and
7 a lever valve portion including:
8 hinge shaft connecting means shaped in a hollow cylinder to receive the lever
9 valve hinge shafts;

10 lever valves disposed at one side of the hinge shaft connecting means and
11 shaped in a wide and long plate; and
12 weights disposed at the other side of the hinge shaft connecting means,
13 shaped in a narrow and short plate to have a weight heavier than the lever
14 valves.

1 8. (Original) The device of claim 7, wherein the quarter turn valve means
2 comprises:

3 quarter valve hinge shafts inserted into the quarter valve recesses with a
4 plurality of quarter turn valves being hung on one quarter valve hinge
5 shaft, thereby connecting the quarter turn valves with the frames; and
6 a plurality of quarter turn valves each having one hooked end to hook on the
7 quarter valve hinge shaft, the other end of the quarter turn valve being
8 shaped in a wide and long plate vertically extending from the hooked end,
9 and having weights formed at the other end.

1 | 9. (Currently Amended) The device of claim 2, ~~4~~, wherein the frame portion is
2 provided with an inclined frame, and quarter turn valves are inserted into quarter
3 turn valve recesses such that the quarter turn valves and the inclined frames are
4 served as a cover.

1 10. Canceled.